

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

#### **Listing of Claims:**

1. (Currently Amended) A light source comprising:

- a. a light emitting component comprised of a semiconductor material,
- b. at least one phosphor material, and
- c. at least one UV reflecting material,

wherein said UV reflecting material is disposed as a layer adjacent to the phosphor material, said layer positioned outwardly from said phosphor material in a direction of light emission from said light source;

wherein said UV reflecting material comprises alumina; and

wherein said UV reflecting material reflects at least a substantial portion of UV light emitted by said light emitting component and allows at least a substantial portion of visible light to pass through.

2. (Original) The light source of claim 1 wherein the light emitting component comprises a light emitting diode or a laser diode.

3. (Original) The light source of claim 2 wherein the light emitting component emits light in at least one of the blue region and the UV region of the electromagnetic spectrum.

4. (Original) The light source of claim 1, wherein said phosphor is excited by light emitted from the said light emitting component.

5. (Previously presented) The light source of claim 1 wherein said phosphor material converts UV light to visible.

6. (Previously presented) The light source of claim 1 wherein said UV reflecting material reflects UV light into the phosphor material.

7. (Previously cancelled)

8. (Previously presented) The light source of claim 1 wherein said UV reflecting material reflects at least 90% of any UV light not converted to visible light by said phosphor material.

9. (Cancelled)

10. (Cancelled)

11. (Currently Amended) ~~The light source of claim 10~~ A light source comprising:

a. a light emitting component comprised of a semiconductor material,

b. at least one phosphor material, and

c. at least one UV reflecting material,

wherein said UV reflecting material is disposed as a layer adjacent to the phosphor material, said layer positioned outwardly from said phosphor material in a direction of light emission from said light source;

wherein said UV reflecting material comprises about 5-80 wt% gamma alumina and about 20-95 wt% alpha alumina; and

said UV reflecting material reflects at least a substantial portion of UV light emitted by said light emitting component and allows at least a substantial portion of visible light to pass through.

12. (Previously Presented) The light source of claim 1 wherein said UV reflecting material is disposed as a layer adjacent to the phosphor material, said layer positioned outwardly from said phosphor material in a direction of light emission from said light source.

13. (Previously Presented) The light source of claim 1 wherein said UV reflecting material is disposed as a layer adjacent a layer of a transparent epoxy material and closer to said light emitting component relative to said transparent epoxy material.

14. (Currently Amended) ~~The light source of claim 1 wherein said UV reflecting material~~ A light source comprising:

- a. a light emitting component comprised of a semiconductor material,
- b. at least one phosphor material, and
- c. at least one UV reflecting material,

wherein said UV reflecting material comprises alumina and is dispersed in a with said phosphor material containing in a layer; said UV reflecting material reflects at least a substantial portion of UV light emitted by said light emitting component and allows at least a substantial portion of visible light to pass through.

15. (Currently Amended) ~~The light source of claim 14 wherein~~ A light source comprising:

- a. a light emitting component comprised of a semiconductor material,
- b. at least one phosphor material, and
- c. at least one UV reflecting material,

wherein said UV reflecting material comprises alumina and is dispersed with said phosphor material in a layer, and the concentration of the UV reflecting material dispersed throughout the phosphor material-containing layer is not greater than about 25% by volume of said phosphor material; said UV reflecting material reflects at least a substantial portion of UV light emitted by said light emitting component and allows at least a substantial portion of visible light to pass through.

16. (Previously presented) The light source of claim 1 wherein said UV reflecting material reflects light in the range of about 350-400 nm.

17. (Previously presented) The light source of claim 1 wherein said phosphor

material converts light reflected by the UV reflecting material to visible light.

18. (Cancelled)

19. (Currently Amended) A light emitting device comprising:

- a. an LED of the formula  $\text{In}_I\text{Ga}_J\text{Al}_K\text{N}$ , wherein I, J, and K are each greater than or equal to zero, and  $I+J+K=1$ ,
- b. a phosphor layer, and
- c. an encapsulant layer including a UV reflecting material comprising alumina and/or a UV reflecting layer, and wherein said encapsulant layer allows at least a substantial portion of visible light to pass through.

20. (Previously presented) The light source of claim 1 wherein said UV reflecting material allows at least 90% of visible light to pass.

21. (Previously presented) The white light emitting device of claim 18 wherein said UV reflecting material containing layer allows at least 90% of visible light to pass through.

22. (Previously presented) The light emitting device of claim 19 wherein said encapsulant layer allows at least 90% of visible light to pass through.